

September 28, 1902.

5

- ✓ First heavy snow of the season fell at Fort Yellowstone.
- ✓ Robins thronged the cedars (*J. scopulorum*).  
✓ Magpie seen.
- ✓ One *Salpinctes borealis* board walk.
- ✓ *Trochocercus meansi*. - Numerous.

September 29, 1902.

- Drove to Gardiner & back. In post  
Saw *Dendroica auduboni* or *D. coronata*  
*Pica pica hudsonica*. - Three in the road, probably drink near trough.  
A tame one at Post Office began "talking like a parrot" yesterday - a bird of the year.  
✓ *Clodons*. - Several seen.

October 3, 1902.

- Drove a mile up the Yellowstone, opposite Gardiner, Montana.
- ✓ Saw a large flock of Canvas-backs & many
  - ✓ *Mergansers* Other ducks.
  - ✓ Louis saw a goat or Mountain Sheep.
  - ✓ Shot two & saw many cottontails.
  - ✓ *Lepus* were abundant - 4 preserved.
  - ✓ *Thryadesles townsendi* - A number seen on the Gardner.
  - ✓ *Peris montanus* - Flock on small creek.
  - ✓ *Ceryle alcyon*. - One at 2 m. bridge.
  - ✓? *Croscopias*? One in sagebrush.
  - ✓ *Zonotrichia leucophrys*. - Several.
  - ✓ *Aialia arctica*. - Abundant.
  - ✓ *Buteo borealis*. - One.
  - ✓ *Corvus corax*. - Several.
  - ✓ *Merula americana propinqua*. - Several.

Offhand Notes on Birds Seen  
in Yellowstone Park between  
April and October, 1902:—

1 Echmophorus occidentalis. — A large  
Grebe supposed to be this was seen  
in Beaver and Liver Lakes.

2 Podilymbus podiceps. — Seen in  
Beaver Lake.

3 Larus argentatus. — Yellowstone Lake  
September +, 1902; Yellowstone River,  
September, 1902.

4 Larus delawarensis. — Fire Hole River  
August, 1902; Yellowstone Lake  
and River September to, 1902.

5 Larus franklini? — A very  
small gull was seen on Yellowstone  
Lake and River September to, 1902.

6 Sterna forsteri. — Yellowstone Lake  
and River September to, 1902.

7 Pelecanus erythrorhynchos. — Several  
were seen on Yellowstone Lake, September  
1, 1902. Large numbers breed  
on an island in Yellowstone Lake.  
Mrs Jackson has a picture of the  
young.

8. Merganser americanus. — Abundant (7)  
on all waters containing fish; broods.

9. Anas boschas. — The most abun-  
dant species. A permanent resident;  
broods ~~are~~ abundantly. Several on the Yellowstone R.  
about the Gardner R., Oct. 13, 1902.

10 Chenclasmus streperus. — Mammoth  
Hot Springs (vicinity) throughout September;  
also seen on Beaver and Liver Lake.

11. Mareca americana. — Several  
flocks on Beaver Lake, Swan Lake  
and ponds about Mammoth Hot  
Springs during the last half of  
September, 1902.

12 Notion carolinensis. — Flocks  
in ponds about Mammoth Hot Springs  
during spring and fall.

13 Dafila acuta. — Flocks on Swan  
and Beaver Lakes, and on small  
ponds about Mammoth Hot Springs  
during last half of September, 1902.

14. Aythya americana. — Yellowstone  
Lake and River September to, 1902.  
Flock on Yellowstone R. at Sphinx, Oct. 9, 1902.

15. Aythya valisineria. — Yellowstone  
Lake, near Natural Bridge September  
, 1902. Flock of

8)

16. Branca canadensis. - Flock at Beaver Lake, August, 1902; also at Elk Park, Twin Lakes

Breeds in these waters.

17. Olor - Capt. Clever  
✓ Gadsden 1st Cavalry has a mounted Swan killed in the Park or near.  
"Swan Lake" a Park name.

18. Ardea herodias. - One at a pond of West Gardner River, Sept. 19, 1902.

19. ? Grus canadensis. - Three Cranes seen on fork of E. Gardner east of Mount Davis the first time I went there.

20. Rallus virginianus. - In cat-tails and tufts about Mammoth Hot Spgs. See plant list for date.

21. Fulica americana. - Abundant; breeds. Last flocks noted Sept. 23.

22. Oiditis macularia. - Fire Hole River; Yellowstone River between Gardiner & Falls; Gardner R.; Mammoth Hot Spgs, brooks;

23. Egialitis vocifera. - Common summer resident. May to Sept. Jupter Termay. Oct. 13, 1902. - No Killdees seen for several weeks past.

(subsp.?) (9)

24. Dendragapus obscurus. - Quite common in the Park; also at Cerreco Mt., Montana. Young collected on Black tail Creek (caught by Hawk). Localities: Mammoth Hot Spgs; Snow Pass; East Gardner; Black-tail Creek (May 25, 1902); Mount Washburn. Eggs found, the day I first fished in Black-tail Creek (see plant list for date). Two pairs in Bunsen Peak Oct. 6, 1902; one pair near the summit.

25. Bonasa umbellus umbelloides. - Common in the Park. Seen at Mammoth Hot Spgs, East Gardner; Mount Washburn, Antelope Creek, Bunsen Peak, etc. near 6 m. post, beyond Swan Lake Flat.

26. Bonaidura macroura. - Arrived in May and common until the end of August. Not noted in September, although some may have been seen after August.

27. Circus hudsonius. - Seen from April to September 25, 1902. Not known to breed, but probably does.

28. Accipiter velox. - Seen from May to September 24, 1902, not common. Probably breeds.

29. Accipiter cooperi. - Occasionally seen. Dates not recorded.

10

30. Accipiter atricapillus. - Upper Geyser Basin, September 1902.
31. Buteo borealis calurus. Abundant April to Oct. Breeds. One was eating a Cattail Sept. 27, 1902. Spermophile taken from one on Swan Lake Flat (mammal skin preserved). One was eating a bird near Dunraven Pass, Sept. 24, 1902.
32. Buteo latissimus. - One seen at Snow Pass road.
33. Aquila chrysaetos. - One seen on East Gardiner the day we drove Mrs. Baker there (for date see plant list).
34. Haliaëetus leucocephalus. - There was a nest on Yellowstone Lake for many years. Some saw a pair of adults on Yellowstone River the day he got the young Dusky Grouse (see record book for date).
35. Falco sparverius deserticola. - Abundant everywhere; breeds.
36. Pandion haliaëtus carolinensis. - A common summer resident. First one seen the day I took the President of the

N. Pa. R.R. to see the Elk (11)  
Many seen in Yellowstone Canyon & Lake September 17 to 19, 1902.  
Nests on rock spires of Gardiner, Middle Gardiner, and Yellowstone river

37. Bubo virginianus. - Resident from April to October. Not common.
38. Ceryle alcyon. - May to Sept.; breeds Gardiner R., Willow Creek; Gibbon River; Fire Hole River; Upper Geyser Basin.
39. Dryobates villosus hyloscopus. - Mammoth Hot Springs Sept. 26, 1902. Rare. Summit Bunsen Peak, Oct. 5, 1902.
40. Sphyrapicus varius nuchalis. One Sept. 23, 1902. Masks on many cedars. collaris (Vigors).
41. Colaptes cafer. - Common summer resident; breeds; one Sept. 27, 1902. Nat. Washburn Sept 24.
42. Chordeiles virginianus henryi. - Not uncommon in summer.
43. Trochilus alexandri. - Rare summer resident; pairs at Judge Meldrum's
44. Contopus richardsoni. - Noted in September.

12)

45. Eupidonax — Some seen, but dates not recorded or species identified.

46. Otocoris alpestris  
Resident from April to Oct.; breeds.

47. Pica pica mordsonia — Resident; breeds Gardiner R. & Mt. Washburn and Grand Canyon of Yellowstone & Yellowstone Lake.  
Oct. 12, 1902. M.H.S.

48. Cyanocitta stelleri annectens. — Mammoth Hot Springs to Yellowstone Lake Resident. Breeds. One in road at post hospital, Oct. 12, 1902. One chased a Red Squirrel Oct. 11, 1902.

49. Perisoreus canadensis capitalis. — Abundant; resident; breeds from Gardiner R. at 7 m. post to Yellowstone L. M. H. S., especially in winter.

50. Corvus corax sinuatus. — Commonly seen; resident; not numerous. Mammoth Hot Springs, Gardiner, Yellowstone Park, Grand Canyon.

51. Vaccinaga columbrina. — Abundant; resident; breeds. M. H. S., Yellowstone Lakes, etc. Visit stables. Eat marrow out of cow bones, etc. One dead at Stygian Caves Oct. 11, 1902.

One near Gardiner, Wyo., 1902 — Oct. 13, 1902 — Ellsworth. (13)

52. Cyanoccephalus cyanocephalus. Flock at Horn, Montana (see plant list for date).

53. Molothrus ater. — Mammoth Hot Springs in summer. Not common; seen about coal.

54. Sturnella neglecta. — Summer resident. April to Sept. 27, 1902. Mammoth Hot Springs, Mount Washburn Sept. 24, 1902. Two near Gardiner, Mont. Oct. 13, 1902.

55. Scalopsophaeus cyanocephalus Abundant autumn resident. May to Sept. Breeds. Immense flocks on Yellowstone Lake & River Sept. 17 to 19, 1902. Two on Yellowstone R., near Hayden, Oct. 9, 1902.

56. Carpodacus cassini. — Immense flocks in spr. April 17 to May, 1902. Summer resident; breeds. Singing, Oct. 11,<sup>and 13,</sup> 1902.

57. Spinus pinus — April 17 to Oct. Summer resident; breeds. May dead at Stygian Caves in Oct., 1902.

58. Leucilaris sp. — April, 1902. Mammoth Hot Springs.

59. Rhynchophanes macconnii — Flocks at Mammoth Hot Springs in April & May, 1902.

60. Pooecetes grammurus confinis. - May to Sept.; breeds; common. Nested on Capitol Hill, M. H. S. & Swan Lake Flat.
61. Zenaidrichia leucophrys. - May to Sept. 28, 1902. Nests at M. H. S.
62. Spizella monticola ochracea. Mt. Washburn & Antelope Creek, Sept. 24, 1902.
63. Spizella Socialis arizonae. - Breeds commonly. May to Sept. Breeds in hospital yard on Limber Pine & Douglas Spruce.
64. Junco mearnsi. - The common breeding form at Swan Lake Flat, Crevice Cut., etc. Probably several other forms of Juncos occur. May dead at Stygian Caves Oct. 11, 1902.
65. Melospiza fasciata montana. - Rare summer resident; breeds at Mammoth Hot Springs.
66. Melospiza Lincolni. - May at Mammoth Hot Springs.
67. Oreospiza chlorura. - Abundant in late August & Sept.

68. Pipilo maculatus subsp.? - One seen at Mammoth Hot Springs in May 1902.
69. Psarocolius ludovicianus. - A common summer resident; breeds; many were killed by carbonic acid gas in a cave at Mammoth Hot Springs in 1902. One dead (some time) at Stygian Caves, Oct. 11, 1902.
70. Petrochelidon lunifrons. - Breeds abundantly on buildings at M. H. S., and on cliffs of the Gardner R. & its tributaries.
71. Tachycineta lepida. - Breeds abundantly at Mammoth Hot Spgs. and on buildings of Gardner R. One nest in <sup>Limb</sup> Limber pine tree at Crinolines, on Yellowstone R., Mont. Commonly nesting in holes in cliffs.
72. Lanius sp. - One seen near Mammoth Hot Spgs. in spring of 1902.
73. Vireo gilvus. - Breeds at Mammoth Hot Spgs.
74. Dendroica aestiva. - Gardner R. in summer, not at M. H. S.?
75. Dendroica auduboni. - May to Sept. 29, 1902. Perhaps some were D. coronata. Oct. 1, 1902. Oct. 10, 1902 at M. H. S.

16

76. Droothlypis trichas occidentalis. -  
May to Sept. M. H. S. Breeds.
77. Anthus pensylvanicus. - Abundant  
in autumn at M. H. S., etc.  
Seen Sept. 27, 1902 in flock. Oct. 1, 1902
78. Cinclos mexicanus. - Seen Res.  
= id est; breeds. Gardiner R., W. Gar-  
-din, Middle Gardiner at 7 m. just.  
(see plant list for date). One at 2d bridge  
Oct. 9 and 10, 1902.
79. Dalpinetes abselatus. - May to Sept. 28,  
1902. M. H. S., Gardiner R. + its branches.  
Common summer resident. Breeds.
80. Winter Wren or House Wren? One  
at Larry's camp Upper Geyser Basin  
Sept. 17, 1902.
81. Cistothorus palustris griseus. -  
Mammoth Hot Springs.
82. Sitta carolinensis nelsoni  
Resident April to Oct. Breeds.  
Oct. 11, 1902 at M. H. S.
83. Sitta canadensis. - First  
seen Sept. 27, 1902.
84. Parmus gambeli. - Resident  
Breeds. Abundant west & upward.